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DATE: December 6, 2004

09/635,116-Conf. #8958 Application Number PTO IDENTIFIER:

Patent Number

Inventor: Sujian J. Huang

MESSAGE TO: Office of Patent Publication

FAX NUMBER: (703) 746-4000

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05516/056002 Attorney Dkt. #:

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Application No. (if known): 09/635,116

Attorney Docket No.: 05516/056002

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U.S. Patent Application Serial No.09/635,116 Attorney Docket No. 05516.056002

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Dated: December 6, 2004

IN THE UNITED STATES PATENT AND TRADEMARK. OFFICE

Applicant:

Sujian Huang et al.

Art Unit: 2128

Serial No.:

09/635,116

Examiner: F. O. Ferris III

Filed:

August 9, 2000

Confirmation No.: 8958

Title:

METHOD FOR SIMULATING DRILLING OR ROLLER CONE BITS AND ITS

APPLICATION TO ROLLER CONE BIT DESIGN AND PERFORMANCE

MS ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

COMMENTS ON EXAMINER'S REASONS FOR ALLOWANCE

The Applicant thanks the Examiner for indicating the allowability of the instant application. Applicant also agrees with the Examiner's interpretation of the "means for determining" limitation in accordance with 35 U.S.C. §112, ¶6. Applicant wishes to clarify, however, that under §112, ¶6 this limitation is interpreted to encompass not only the steps and structures disclosed in the specification, but also equivalents thereof. Specifically, all figures and embodiments (including 11A-11B and pages 17-27 of the specification) are encompassed. Thus, in the instant case, the claims of the present invention cover the embodiments described in the passages cited by the Examiner, and all equivalents thereof.

Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 05516/056002).



Date:

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U.S. Patent Application Serial No.09/635,116 Attorney Docket No. 05516.056002

Respectfully submitted,

Jonathan P. Osha, Reg. No. 33,986

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U.S. Patent Application Serial No.09/635,116 Attorney Docket No. 05516.056002

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Request to Expedite Publication of Patent

The undersigned respectfully requests that the publication branch expedite, as outlined in M.P.E.P. §1309, the issuance of the referenced application (U.S. Patent Application No. 09/635,116). A copy of the completed issue fee transmittal form is enclosed. The Applicant respectfully notes that the issue fee was originally paid in this case in December of 2003. A number of improper third party actions also significantly delayed both the prosecution and issuance of this case. Accordingly, the Applicant believes that the issuance of the present case should be expedited.

No fee is believed necessary, but to the extent that a petition and/or a fee is required, the undersigned respectfully requests that this paper be treated as such, and any fees be charged to Deposit Account 50-0591 (referencing 05515.056002). If any additional information is required, or any other forms necessary, the Applicant



U.S. Patent Application Serial No.09/635,116 Attorney Docket No. 05516.056002

respectfully requests that the Office contact the undersigned at their earliest convenience.

Respectfully submitted,

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